

WHAT IS CLAIMED IS:

1. A machine adjustment device that adjusts a machine, said machine adjustment device comprising:

5 a connector module that connects with a controller of said machine in a communicable manner;

a component selection module that selects an object component to be detached among components of said machine;

10 an adjustment parameter setting module that sets at least one adjustment parameter, which requires adjustment accompanied with detachment of the selected object component, as well as an adjustment order of the at least one adjustment parameter; and

15 an adjustment execution module that executes adjustment of said machine via said connector module with regard to the at least one adjustment parameter with operation of a user in the adjustment order set by said adjustment parameter setting module.

2. A machine adjustment device in accordance with claim 1, wherein said component selection module selects the object component to be detached in such a manner that a component once detached for adjustment or repair and attached again is distinguishable from a new component newly attached as replacement of the detached component.

3. A machine adjustment device in accordance with claim 1, wherein said adjustment parameter setting module comprises an adjustment parameter storage module that stores adjustment parameters mapped to respective components to be detached, and  
5 said adjustment parameter setting module sets the at least one adjustment parameter corresponding to the selected object component, based on the mapping of the adjustment parameters to the respective components stored in said adjustment parameter  
10 storage module.

4. A machine adjustment device in accordance with claim 1, wherein said adjustment parameter setting module comprises an order relation storage module that stores a relation between  
15 ordinal numbers of adjustment and respective adjustment parameters, and

said adjustment parameter setting module sets the adjustment order of the at least one adjustment parameter, based on the relation stored in said adjustment order relation storage  
20 module.

5. A machine adjustment device in accordance with claim 1, wherein said component selection module is capable of

selecting multiple object components to be detached, and

said adjustment parameter setting module, in the case of  
selection of multiple object components by said component  
selection module, sets adjustment parameters, which require  
5 adjustment accompanied with detachment of the multiple object  
components, and an adjustment order of the adjustment parameters.

6. A machine adjustment device in accordance with claim  
1, wherein said adjustment execution module executes the  
10 adjustment in an interactive manner.

7. A machine adjustment device in accordance with claim  
1, wherein said adjustment execution module provides documental  
and pictorial information with regard to factors required for  
15 the adjustment.

8. A machine adjustment device in accordance with claim  
1, wherein said adjustment execution module enters settings in  
said machine via said connector module and executes the  
20 adjustment with the entered settings.

9. A machine adjustment device in accordance with claim  
1, wherein said adjustment execution module executes the

adjustment with a predetermined operation of said machine via  
said connector module.

10. A machine adjustment device in accordance with claim  
5 9, wherein said adjustment execution module executes the  
adjustment with an input value entered by the user, based on a  
result of the predetermined operation of said machine.

11. A machine adjustment device in accordance with claim  
10 1, wherein said machine is a peripheral device that is connectable  
with a computer.

12. A machine adjustment device in accordance with claim  
11, wherein said machine is a printer.  
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13. A machine adjustment method that carries out adjustment  
of a machine with a computer, said machine adjustment method  
comprising the steps of:

(a) causing the computer to connect with a controller of  
20 said machine in a communicable manner;

(b) selecting an object component to be detached among  
components of said machine and inputting the selection of the  
object component into the computer;

(c) causing the computer to extract at least one adjustment parameter, which requires adjustment accompanied with detachment of the selected object component, among multiple adjustment parameters that are stored in advance in the computer, and to  
5 set an adjustment order of the at least one extracted adjustment parameter; and

(d) causing the computer to execute adjustment of said machine with regard to the at least one extracted adjustment parameter with operation of a user in the preset adjustment order.  
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14. A machine adjustment method in accordance with claim 13, wherein said step(b) selects the object component to be detached in such a manner that a component once detached for adjustment or repair and attached again is distinguishable from  
15 a new component newly attached as replacement of the detached component, and inputs the selection of the object component into the computer.

15. A machine adjustment method in accordance with claim  
20 13, wherein said step(c) stores adjustment parameters mapped to respective components to be detached, and sets the at least one adjustment parameter corresponding to the selected object component, based on the mapping of the adjustment parameters to

the respective components stored in the computer.

16. A machine adjustment method in accordance with claim  
13, wherein said step(c) stores in advance a relation between  
5 ordinal numbers of adjustment and respective adjustment  
parameters and sets the adjustment order of the at least one  
extracted adjustment parameter, based on the stored relation.

17. A machine adjustment method in accordance with claim  
10 13, wherein said step(b) is capable of selecting multiple object  
components to be detached, and

said step(c), in the case of selection of multiple object  
components in said step(b), sets adjustment parameters, which  
require adjustment accompanied with detachment of the multiple  
15 object components, and an adjustment order of the adjustment  
parameters.

18. A machine adjustment method in accordance with claim  
13, wherein said step(d) executes the adjustment in an  
20 interactive manner.

19. A machine adjustment method in accordance with claim  
13, wherein said step(d) provides documental and pictorial

information with regard to factors required for the adjustment.

20. A machine adjustment method in accordance with claim  
13, wherein said step(d) enters settings in said machine  
5 connected by said step(a) and executes the adjustment with the  
entered settings.

21. A machine adjustment method in accordance with claim  
13, wherein said step(d) executes the adjustment with a  
10 predetermined operation of said machine connected by said  
step(a).

22. A machine adjustment method in accordance with claim  
21, wherein said step(d) executes the adjustment with an input  
15 value entered by the user, based on a result of the predetermined  
operation of said machine.